



{In Archive} RE: NM nutrients 
Forrest John to: Jessup, Benjamin

07/03/2012 08:47 AM

From: Forrest John/R6/USEPA/US
To: "Jessup, Benjamin" <benjamin.jessup@tetrattech.com>
Archive: This message is being viewed in an archive.

Ben -

Thank you for your thoughts. I believe that we are both thinking along the same lines and while optimistic on what I think you can get accomplished with the limited hours, based on my time estimates, I believe we will be able to complete task 0 - 2 and maybe task 3. I am still discussing task 0 with the TOM since it is unusual to develop a work plan on a task order BUT since we are placing work on an existing task order via technical direction, this is a new process for me and I don't know how this typically operates. So, task 0 may be deleted. Regarding the inclusion of the EMAP West data, as part of the sediment project, we included several sites in both CO and AZ, thus the inclusion but should be very minor and it's my thought that we would be using data that resides within the three aggregated ecoregions (xeric, plains and mountain) which extend into the three surrounding States. However, I think that we only included sites in the surrounding States that extended 50 miles beyond the NM border. While not mentioned in the proposal nor thought of by me, I do agree with you thoughts regarding the independent analysis of the bug data.

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"Far better it is to dare mighty things, to win glorious triumphs, even though checkered by failure, than to take rank with those poor spirits who neither enjoy much nor suffer much, because they live in the gray twilight that knows not victory or defeat." ~ Theodore Roosevelt

"...and 'tis our fast [first] intent to shake all cares and business from our age [of our state]; Conferring them on younger strengths, while we unburden'd crawl toward death..." ~ William Shakespeare's King Lear, Act I

"In every free and deliberating society, there must, from the nature of man, be opposite parties and...dissensions and discords;..." ~ Thomas Jefferson, 1798

"Jessup, Benjamin" [Hi Forrest; I looked over the statement of work...](#) 07/03/2012 07:24:57 AM

From: "Jessup, Benjamin" <benjamin.jessup@tetrattech.com>
To: Forrest John/R6/USEPA/US@EPA
Cc: "Paul, Michael" <Michael.Paul@tetrattech.com>
Date: 07/03/2012 07:24 AM
Subject: RE: NM nutrients

Hi Forrest;

I looked over the statement of work and here are my comments, mostly on the technical side. I included Mike Paul, as he will also be involved from the Tetra Tech team. Mike has his finger on the national pulse of nutrient criteria development and will make sure that we are working in accordance with the latest techniques and intentions.

The data we have from the sediment thresholds project will certainly help towards analyzing nutrient effects (especially the benthic data), but we do not have all the data regarding nutrients together. We did not put much effort into compiling nutrient, algae, periphyton, or water chemistry data for the 229 bedded sediment sites. I think that getting those data together in association with our existing data will be a considerable task and may be the limit of the tasks outlined for the first \$25k. So, I think that we could accomplish tasks 0-2 without a problem. I see tasks 3 and 4 to be somewhat co-dependent because we need to know what data we have while we are developing the analysis plan. So we need to figure out a way to scope this first phase to be flexible in tasks 3 and 4. Following tasks will probably not be touched.

We have reachwide and targeted riffle data. I think we should continue to analyze them separately when relationships to bugs are considered.

We have nutrient-neutral reference criteria that could be applied as they were in the sediment project. Also, the SOW mentions the EMAP West data, though I thought those were all in CO and AZ. Are we planning to use regional data in this effort or only NM data?

I hope that helps!

Ben

From: Forrest John [mailto:John.Forrest@epamail.epa.gov]

Sent: Monday, July 02, 2012 5:11 PM

To: Jessup, Benjamin

Subject: Re: NM nutrients

Ben -

If you've not seen the statement of work, please see attached. I did talk with Katie today regarding the statement of work and based on comments received from TT, they are more administrative than technical but I would appreciate at this juncture if you would read over the SOW and give me any critical feedback.

I will be speaking with the State tomorrow to set up the conference call between, you all, the folks in Washington, the State, and the Region.

Cheers

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From: "Jessup, Benjamin" <benjamin.jessup@tetrattech.com>
To: Forrest John/R6/USEPA/US@EPA
Date: 07/02/2012 11:18 AM
Subject: NM nutrients

Hi Forrest;

I tracked down the people involved in the NM nutrients contract.

Since the watersheds contract is being used and Mike Paul is the Tetra Tech lead on that, he has been in contact with Aileen Molloy and Katie Flahive of EPA about setting up meetings. Katie is apparently the one who is coordinating with NM. They have a similar project in Utah and have been discussing that at the same time. I will be on the call for the NM project and will be involved throughout.

Hope that helps!

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[attachment "New Mexico Nutrients Technical Direction Draft.docx" deleted by Forrest John/R6/USEPA/US]